



**8" L-Series sand & gravel dredge with Linear Cutter**

Dredge Pump:	Metso, 10" x 8" x 30" 3-vane impeller.	
Main Power Unit:	Detroit Series 60, 400 continuous horsepower @ 1,800 rpm.	
Accessory Power Unit:	Detroit Series 60, 225 continuous horsepower @ 1,800 rpm.	
Dredge Pump Drive:	<i>Sidewinder</i> gear reduction and Torqueshaft.	
Hull/Flotation:	Hull:	¼" plate with watertight bulkheads.
	Pontoons:	¼" plate with watertight bulkheads, 1,700 gallon fuel capacity.
Ladder:	87' overall length. 75' maximum mining depth.	
Hydraulic system:	Variable flow, electro-hydraulic proportional controls.	
Linear Cutter:	Twinkle Co Marauder Linear Cutter, 25,000 lb maximum cutter force using 7" pitch ablative digger chain.	
Positioning:	3-wire system. 3 each Pullmaster M12 winches.	
Rigging:	1 each Pullmaster M25 winch.	
Cab:	7' x 10' with dual steel walls, fully insulated, tinted windows, AC/heat LCAP automation, CONVAC system.	
Dimensions: (assembled)	Overall length:	119'
	Overall width:	27'
	Overall height:	18'
	Total displacement:	215,000 pounds

**TWINKLE CO**

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